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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
09/900,217	07/06/2001	Andrew Vincent Marolda	US010329	6266
24737	7590 11/29/2005		EXAMINER	
	TELLECTUAL PROP	HOSSAIN, FARZANA E		
P.O. BOX 3001 BRIARCLIFF MANOR, NY 10510		ART UNIT	PAPER NUMBER	
	<b>--</b>		2617	

DATE MAILED: 11/29/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)
	09/900,217	MAROLDA, ANDREW VINCENT
Office Action Summary	Examiner	Art Unit
	Farzana E. Hossain	2617
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence address
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA  - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication.  - If NO period for reply is specified above, the maximum statutory period v  - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be tim vill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONEI	l. ely filed the mailing date of this communication. O (35 U.S.C. § 133).
Status		
1) Responsive to communication(s) filed on 6 Oct	toher 2005	
· · · · · · · · · · · · · · · · · · ·	action is non-final.	
3) Since this application is in condition for allowar		secution as to the merits is
closed in accordance with the practice under E	,	
Disposition of Claims	mpanto quayio, rocc cist ti, ro	
· _		
4) Claim(s) 1-23 is/are pending in the application.		
4a) Of the above claim(s) is/are withdray	vii iioiii consideration.	
5) Claim(s) is/are allowed.		
6) Claim(s) 1-23 is/are rejected.		
7) Claim(s) is/are objected to.	r clastica requirement	
8) Claim(s) are subject to restriction and/o	r election requirement.	
Application Papers		
9) The specification is objected to by the Examine		
10)⊠ The drawing(s) filed on 10 December 2001 is/a		
Applicant may not request that any objection to the		
Replacement drawing sheet(s) including the correct		
11)☐ The oath or declaration is objected to by the Ex	aminer. Note the attached Office	Action or form PTO-152.
Priority under 35 U.S.C. § 119		
12) Acknowledgment is made of a claim for foreign  a) All b) Some * c) None of:  1. Certified copies of the priority document  2. Certified copies of the priority document  3. Copies of the certified copies of the priority document  application from the International Bureau  * See the attached detailed Office action for a list	s have been received. s have been received in Applicati rity documents have been receive u (PCT Rule 17.2(a)).	on No ed in this National Stage
Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)	4)  Interview Summary Paper No(s)/Mail Do 5)  Notice of Informal P	
Paper No(s)/Mail Date	6) Other:	·

#### **DETAILED ACTION**

## Response to Amendment

1. This action is responsive to an amendment filed 10/12/2005. Claims 1-23 are pending. Claims 1, 2, 14, 16-20, 22, 23 are amended. Claims 3-13, 15, 21 are original claims based on independent claims that are amended.

### Response to Arguments

- 2. Applicant's arguments with respect to claims 1-16 have been considered but are moot in view of the new ground(s) of rejection.
- 3. In response to the arguments on page 14 regarding Claims 17, 18, 19, 20, 22, and 23, the examiner notes that the claims disclose two different individuals. Ellis discloses that a person at home (recipient) and a person at work (scheduler) with the scheduler scheduling the recording (Page 2, paragraphs 0015, 0019, Page 15, paragraph 0163). Therefore, the claimed elements in Claims 17-20, 22, 23 are met as what is equivalent to what is disclosed. See rejections below for new limitation.

## Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 3, 7, 9, 10, 14 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 3, 7, 9, 10, 14 have an original heading, however they all recite.."The method of Claim 0."

The Office assumes "The method of Claim 0" to be "The method of Claim 2" for all claims as recited in the first set of submitted claims dated 07-06-01 as these are all original claims.

## Claim Rejections - 35 USC § 102

- 1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:
  - (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.
- 2. Claims 17- 23 are rejected under 35 U.S.C. 102(e) as being anticipated by Ellis et al (US 2005/0028208 and hereafter referred to as "Ellis").

It is noted that Ellis incorporates by reference in its entirety the application McKissick et al (Application No. 09/356,245 and hereafter referred to as "McKissick").

Regarding Claim 17, Ellis discloses a system or user television equipment (Figures 2, 3, 4, 22). The user television equipment can be a personal computer

television (Page 7, paragraph 0088) with a memory (Page 6, paragraph 0082). Ellis discloses that the user television equipment may have suitable memory (Page 6, paragraph 0082). It is inherent that the system has computer-readable code as the system is designed to perform necessary functions and that the system comprises a memory that can store computer-readable code. The system has a processor or processing circuitry operatively coupled to the memory or digital storage device that can implement the computer-readable code (Page 6, paragraph 0084). Ellis discloses that necessary functions (completed due to inherent computer readable code) allow the system to receive a request, from a scheduler or remote access device user, to schedule a recording of a program for a recipient (Figure 19, 2010) and to issue a command to record the program for the recipient (Page 8, paragraph 0163), wherein the scheduler and the recipient are different individuals (Page 2, paragraph 0019). Ellis discloses that the recipient has authorized the scheduler to schedule the program or asks the scheduler to schedule the program (Page 2, paragraph 0019) and the scheduler would be able to enter a password in order to schedule a recording or change program guide features or the recipient has authorized the scheduler to schedule a recording or change program guide features (Page 7-8, paragraphs 0096, 0099).

Regarding Claim 18, Ellis discloses a computer readable medium or digital storage device as user television equipment (Page 7, paragraph 0083). It is inherent that the computer readable medium has a computer-readable code as it is designed to perform functions necessary for the computer readable medium. Ellis discloses that necessary functions (completed due to inherent computer readable code) comprises

steps to receive a request (Page 2, paragraphs 0015, 0019), from a scheduler or remote access device user, to schedule a recording for a recipient (Page 8, paragraph 0097) and to issue a command to record the program for the recipient (Page 2, paragraph 0015; Page 8, paragraph 0097) wherein in the scheduler and the recipient are different individuals (Page 2, paragraphs, 0015, 0019). Ellis discloses that the recipient has authorized the scheduler to schedule the program or asks the scheduler to schedule the program (Page 2, paragraph 0019) and the scheduler would be able to enter a password in order to schedule a recording or change program guide features or the recipient has authorized the scheduler to schedule a recording or change program guide features (Page 7-8, paragraphs 0096, 0099).

Regarding Claim 19, Ellis discloses a system for person-to-person scheduling by comprising the means to receive a request from a scheduler to schedule a recording of a program for a recipient (Page 2, paragraph 0019, Page 8, paragraph 0097). Ellis discloses that the system has a means for issuing a command to record the program (Page 15, paragraph 0163), wherein the scheduler is a first person and the recipient is a second person (Page 2, paragraph 0019). Ellis discloses that the recipient has authorized the scheduler to schedule the program or asks the scheduler to schedule the program (Page 2, paragraph 0019) and the scheduler would be able to enter a password in order to schedule a recording or change program guide features or the recipient has authorized the scheduler to schedule a recording or change program guide features (Page 7-8, paragraphs 0096, 0099).

Regarding Claim 20, Ellis discloses a recorder with a method comprising the steps of receiving an instruction from a scheduler to schedule a recording of a program for a recipient (Page 15, paragraph 0163), wherein the scheduler and the recipient are different individuals (Page 2, paragraph 0019). Ellis discloses the method of recording the program (Figure 19, 2020). Ellis discloses that the recipient has authorized the scheduler to schedule the program or asks the scheduler to schedule the program (Page 2, paragraph 0019) and the scheduler would be able to enter a password in order to schedule a recording or change program guide features or the recipient has authorized the scheduler to schedule a recording or change program guide features (Page 7-8, paragraphs 0096, 0099).

Regarding Claim 21, Ellis discloses all the limitations of Claim 20. Ellis discloses that the scheduler can request to record the program for the recipient or the home user by performing the record function (Page 8, paragraph 0097). Ellis discloses that it is determined if the scheduler or remote access device user is authorized to schedule a recording or using a password to perform functions including program recording (Page 8, paragraph 0099) when the scheduler is authorized to schedule the recording for the recipient.

Regarding Claim 22, Ellis discloses a system or a user television equipment (Figures 2, 3, 4, 22). The user television equipment can be a personal computer television (Page 7, paragraph 0088) with memory or a digital storage device (Page 6, paragraph 0083). It is inherent that the system has computer-readable code as the system is designed to perform necessary functions and that the system comprises a

memory that can store computer-readable code. The system has a processor or processing circuitry operatively couple to the memory or digital storage device that can implement the computer-readable code (Page 6, paragraph 0084). Ellis discloses that necessary functions (completed due to inherent computer readable code) allow the system to receive an instruction from a scheduler to schedule the recording of a program for a recipient (Figure 19), wherein the scheduler and the recipient are different individuals (Page 2, paragraph 0019), and to record the program (Figure 10, 2040). Ellis discloses that the recipient has authorized the scheduler to schedule the program or asks the scheduler to schedule the program (Page 2, paragraph 0019) and the scheduler would be able to enter a password in order to schedule a recording or change program guide features or the recipient has authorized the scheduler to schedule a recording or change program guide features (Page 7-8, paragraphs 0096, 0099).

Regarding Claim 23, Ellis discloses that the scheduler selects a program for a recipient (Page 8, paragraph 0097, Figure 19), wherein the scheduler and the recipient are different individuals (Page 2, paragraph 0019); forming an instruction suitable to allow recording of the program (Page 15, paragraph 0163); and transmitting the instruction or issuing the command to record the scheduled listing (Page 15, paragraph 0163). Ellis discloses that the recipient has authorized the scheduler to schedule the program or asks the scheduler to schedule the program (Page 2, paragraph 0019) and the scheduler would be able to enter a password in order to schedule a recording or change program guide features or the recipient has authorized the scheduler to

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schedule a recording or change program guide features (Page 7-8, paragraphs 0096, 0099).

#### Claim Rejections - 35 USC § 103

- 3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
  - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 4. Claims 1-9, 13, 15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ellis in view of Hirata (US 6,374,406). It is noted that Ellis incorporates by reference in its entirety the application McKissick et al (Application No. 09/356,245 and hereafter referred to as "McKissick").

Regarding Claim 1, Ellis discloses receiving a request, from a scheduler or remote access device user, to schedule a recording of a program for a recipient (Page 2, paragraphs 0015, 0019, Page 8, paragraph 0097). Ellis discloses issuing a command to record or performing the desired function (Page 2, paragraphs 0015, 0019, Page 15, paragraph 0163). McKissick discloses a buddy list or recipient (Figure 6A, 435, 437, Figure 6C) that allows a user or scheduler to send messages or electronic mail (email) to the group or an individual to recommend (Figure 7), remind (Figure 14, 266), send program guide information (Figure 17, 311) or send a gift pay per view program (Figure 21, 356). McKissick discloses that the recipient has authorized the

scheduler to send messages for reminders and recommendations by including them on the scheduler on a buddy list (Figure 6A, 435, Figure 6C) and by not blocking the scheduler (Figure 6A, 437). Ellis and McKissick disclose that a remote viewer at work with authorization from a person at home can schedule recordings, however, Ellis and McKissick are silent on a remote viewer or scheduler scheduling recordings for other viewers or recipients on their buddy list. Hirata discloses sending an email or a message with a recording reservation or scheduling recordings remotely (Figure 3). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Ellis to schedule recordings remotely (Figure 3) as taught by Hirata in order to operate appliances from outside the house (Column 1, lines 43-45) as disclosed by Hirata.

Regarding Claim 2, Ellis, McKissick and Hirata disclose all the limitations of Claim 1. McKissick disclose the step of determining if the scheduler is authorized to schedule a recording for the recipient or users who can be schedulers or recipients can block messages from other users who can be schedulers or recipients (Page 28, lines 17-28).

Regarding Claim 3, Ellis, McKissick and Hirata disclose all the limitations of Claim 2. Hirata discloses scheduling recording remotely (Figure 3). McKissick disclose the step of determining if the scheduler is authorized to schedule a recording for the recipient further comprises the step of determining if the scheduler matches an entry in the buddy list (Page 28, lines 17-28).

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Regarding Claim 4, Ellis, McKissick and Hirata disclose all the limitations of Claim 3. Hirata discloses scheduling recording remotely (Figure 3). McKissick discloses determining if the scheduler matches an entry in a buddy list comprises determining if a scheduler identification matches one of a plurality of identifications in the buddy list (Page 28, lines 17-28, Figure 6A, 435, 437).

Regarding Claim 5, Ellis, McKissick and Hirata disclose all the limitations of Claim 3. Hirata discloses scheduling recording remotely (Figure 3). McKissick discloses determining if the scheduler matches an entry in a buddy list comprises determining if a scheduler personalized TV recorder identification matches one of plurality of identifications in the buddy list (Page 28, lines 17-28, Page 30, lines 28-33, Figure 6a, Figure 6b, Figure 6C).

Regarding Claim 6, Ellis, McKissick and Hirata disclose all the limitations of Claim 3. Hirata discloses scheduling recording remotely (Figure 3). Ellis discloses that the personalized TV recorder is owned by the recipient (Figures 1, 2a, 2b, 2c, 2d, 6a, 6b). McKissick discloses registering the recipient (Page 28, liens 29-33), registering the scheduler (Page 28, lines 29-33), and creating a buddy list for the recipient (Page 28, lines 17-33, Figure 6a, 435, 437, Figures 6b, 6c), the buddy list comprising at least on entry (Page 28, lines 17-33, Figure 6a, 435, 437, Figures 6b, 6c), each entry determining a person allowed to authorize recordings on a personalized TV recorder (PTVR) (Page 28, lines 17-33, Figure 6a, 435, 437, Figures 6b, 6c).

Regarding Claim 7, Ellis, McKissick and Hirata disclose all the limitations of Claim 2. Ellis discloses that the steps of receiving (Figure 1, 16). McKissick discloses

determining (Page 28, lines 17-28) and issuing or scheduler interacting with recipient's equipment (Page 28, lines 17-33) are performed by a service provider (Figure 1a, 16, Figure 2a, 80, 846a, 6b, 16).

Regarding Claim 8, Ellis discloses all the limitations of Claim 7. Ellis discloses accepting a monetary amount for a program or pay-per-view listing. It is inherent that if a pay-per-view listing is ordered that it has been purchased and payment must be given. McKissick discloses that the scheduler or user with remote access can issue a command to record the program (Figure 21) for the recipient when the scheduler is authorized to schedule or order a recording (of a pay-per-view listing) for the recipient or user television guide equipment (Figure 23) and when the monetary amount meets a predetermined amount or predetermined information on price (Page 54, lines 1-12).

Regarding Claim 9, Ellis, McKissick and Hirata disclose all the limitations of Claim 2. Ellis discloses that the steps of receiving (Figure 1, 16). McKissick discloses receiving (Figure 1, 20), determining (Page 28, lines 17-33) and issuing or scheduler interacting with recipient's equipment (Page 28, lines 17-33) are performed by a personalized television recorder (PTVR) or a user television equipment (Figure 1a, 16, Figure 2a, 80, 846a, 6b, 16).

Regarding Claim 13, Ellis, McKissick and Hirata disclose all the limitations of Claim 1. McKissick discloses the user or the scheduler informing the user or recipient via messages and notifications about programs. Hirata discloses the scheduler informing the recipient that the command has been issued (Figure 3).

Regarding Claim 15, Ellis, McKissick and Hirata disclose all the limitations of Claim 1. McKissick discloses the user or the scheduler informing the user or recipient via messages and notifications about programs. Hirata discloses receiving the issued command (Figure 4, S2, Figure 5, S20); determining if a conflict exists between the command and a previously entered recording request (Figure 5, S20, Figure 6); and rejecting the command when a conflict exists (Figure 6).

5. Claims 10-12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ellis in view of Hirata as applied to claim 2 above, and further in view Basso and Dworkin.

Regarding Claim 10, Ellis discloses all the limitations of Claim 2. Hirata discloses scheduling recording remotely (Figure 3). McKissick discloses the step of determining if the scheduler is authorized to schedule a recording for the recipient further comprises the step of determining if the scheduler matches an entry in the buddy list (Page 28, lines 17-28). McKissick determines that the service provider can verify the authorization (Page 28, lines 17-33). Hirata disclose the step of issuing a command to record the program for the recipient when the scheduler is authorized to schedule a recording for the recipient by using a command (Figure 3). However, Ellis, McKissick, Hirata are silent on the recipient PTVR can retrieve recorded program from the scheduler PTVR. Ellis, McKissick, Hirata are silent that each entry has paid to be on the buddy list. Basso discloses that the issuing of a command by a service provider for the program to be recorded on the scheduler PTVR and allows a recipient PTVR to

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retrieve a recorded program from the scheduler PTVR by a service provider (Page 2-3, paragraphs 0029, 0034). Dworkin is an Internet based messaging system that can send instant, audio and video messages. Dworkin discloses that a buddy list where each entry has to pay to be on the list (Page 2, paragraph 0018). Therefore, it would have been obvious at the time the invention was made to modify Ellis to include a buddy list (Page 2, paragraphs 0029, 0034) and to allow schedulers to record programs on their PTVRS for subsequent retrieval as taught by Basso in order to allow users to record items of interest for their friends (Page 2, paragraph 0034) as disclosed by Basso. Therefore, it would have been obvious at the time the invention was made to modify Ellis to include a buddy list wherein each entry in the buddy list has paid to be on the list (Page 2, paragraph 0034) as taught by Dworkin in order to provide a group user functions for a corporation or private group of individuals (Page 2, paragraph 0015).

Page 13

Regarding Claim 11, Ellis, McKissick, Hirata, Basso, and Dworkin disclose all the limitations of Claim 10. Basso discloses that the recipient PTVR retrieving the recorded program from the scheduler PTVR (Pages 2-3, paragraph 0034).

Regarding Claim 12, Ellis, McKissick, Hirata, Basso, and Dworkin disclose all the limitations of Claim 10. Basso discloses that the scheduler PTVR or remote access device transmits the recorded program to the recipient PTVR (Pages 2-3, paragraph 00034).

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6. Claim 14 is rejected under 35 U.S.C. 103(a) as being unpatentable over Ellis in view of Hirata as applied to claim 2 above, and further in view of in view of Whitten, II (US 2002/0083136 and hereafter referred to as "Whitten").

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Regarding Claim 14, Ellis, McKissick, Hirata disclose all the limitations of Claim 2. McKissick discloses that an authorization feature, which does not allow messages of reminders or information about the program guide to be accepted by the recipient if they are not on the buddy list (Figure 6a, 435, 437). Hirata sends messages remotely scheduling recordings (Figure 3). Ellis, McKissick, Hirata do not disclose that the scheduler or the recipient will be informed that the scheduler is not authorized to schedule a recording for the recipient. Whitten is a messaging system that can generate a list of contacts or buddy lists (Figure 2, 201). Whitten discloses that informing the sender or scheduler when the scheduler is not authorized to send a message to the recipient (Page 2, paragraph 0015). It is necessarily included that if a program cannot be selected due to lack of authorization, then the scheduler cannot schedule a recording for the recipient. Therefore, it would have been obvious at the time the invention was made to modify Ellis in view of Hirata to include informing the sender or scheduler when the scheduler is not authorized to send a message to the recipient (Page 2, paragraph 0015) as taught by Whitten in order to differentiate between desirable and undesirable messages (Page 1, paragraph 004) as disclosed by Whitten.

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7. Claim 16 is rejected under 35 U.S.C. 103(a) as being unpatentable over Ellis in view of Hirata as applied to claim 1 above, and further in view of Ellis et al (US 2004/0181814 and hereafter referred to as "Ellis2").

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Regarding Claim 16, Ellis, McKissick, and Hirata disclose all the limitations of Claim 1. Ellis discloses receiving the issued command or receiving access communications (Page 9, paragraph 110), which includes commands from the scheduler (Page 15, paragraph 0163). Ellis, McKissick, Hirata are silent on determining if a conflict exists between the command and a program being watched and reject the command when a conflict exists. Ellis2 discloses determining if a conflict exists between the command and a program being watched (Figure 4c) and rejecting the command when a conflict exists (Figure 4c). Therefore, it would have been obvious at the time the invention was made to modify Ellis in view of Hirata to include a rejection mechanism due to conflicts between a currently viewed program and a recording command from the scheduler (Figure 4c) as taught by Ellis2 in order to provide a more sophisticated program guide and recording possibilities (Page 1, paragraphs 0005-0006) as disclosed by Ellis2.

#### Conclusion

8. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

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A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Farzana E. Hossain whose telephone number is 571-272-5943. The examiner can normally be reached on Monday to Friday 8:00 am to 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Christopher Kelley can be reached on 571-272-7331. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

FEH November 23, 2005

CHRIS KELLEY
EXAMINER
SUPERIORY PATENT EXAMINER
TECHNOLOGY CENTER 2600

# **BEST AVAILABLE COPY**

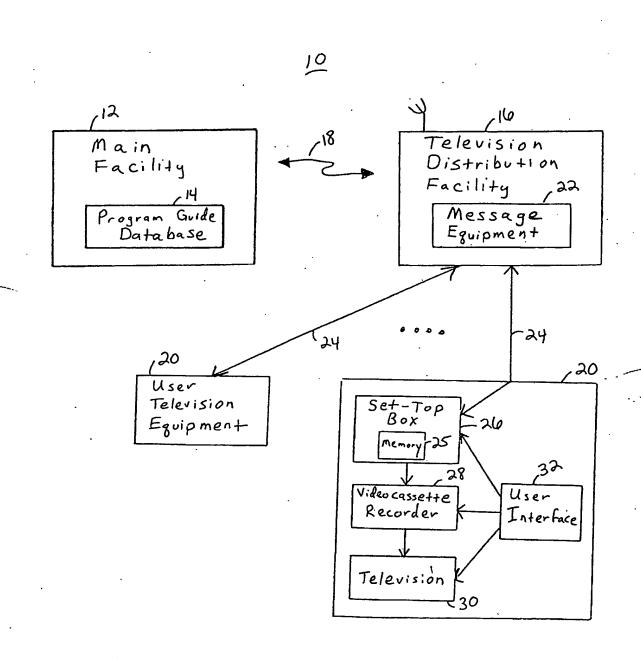


FIG. 1A

ţ.··

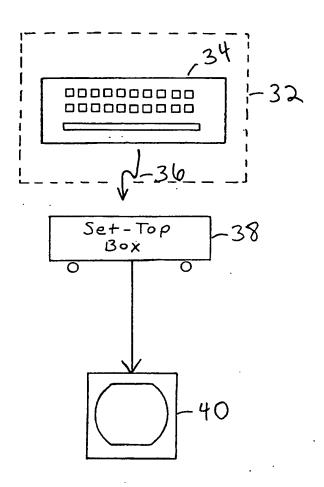


FIG. 1B

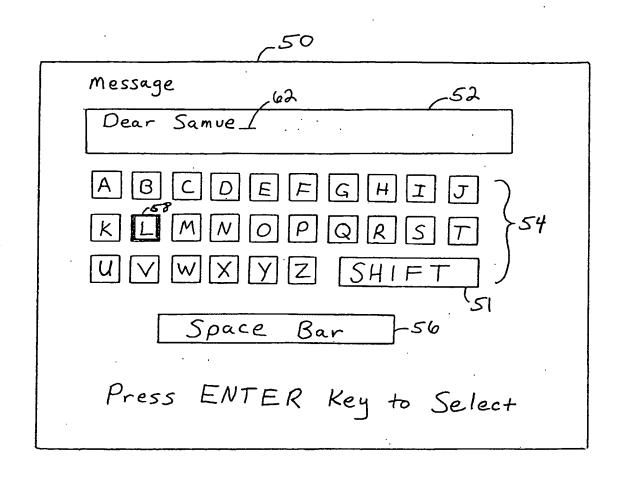


FIG. 1C

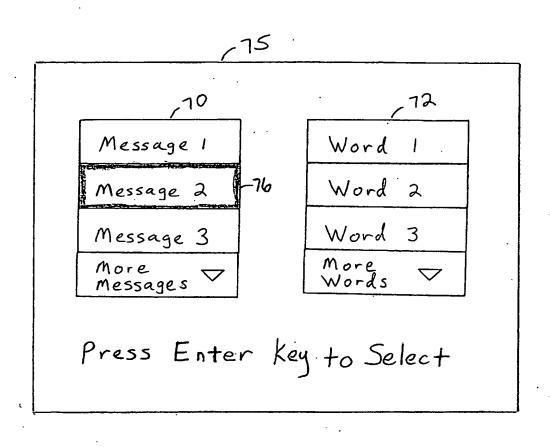


FIG. ID

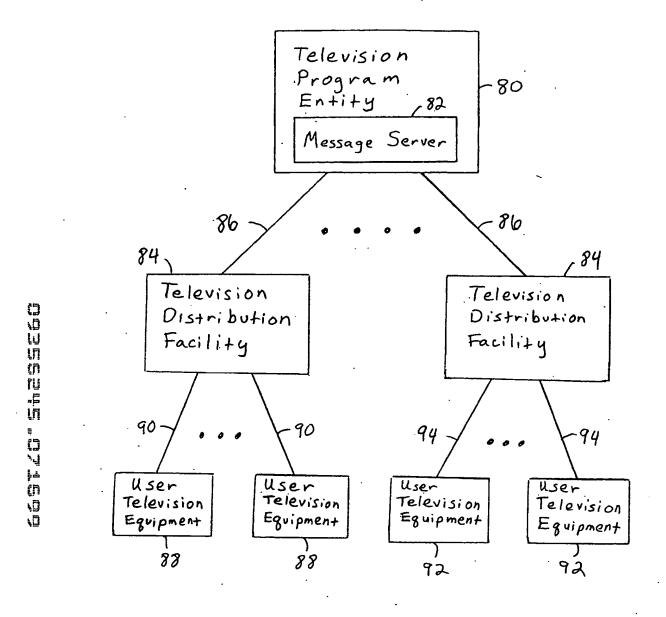


FIG. 2A

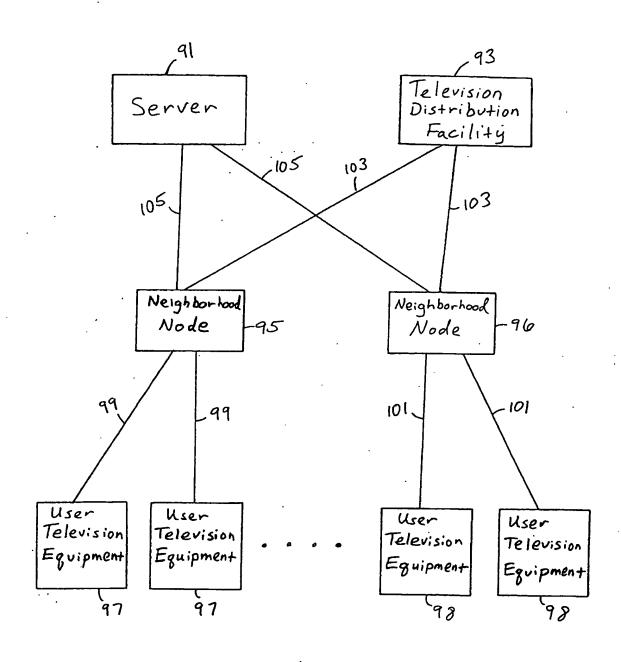


FIG. 2B

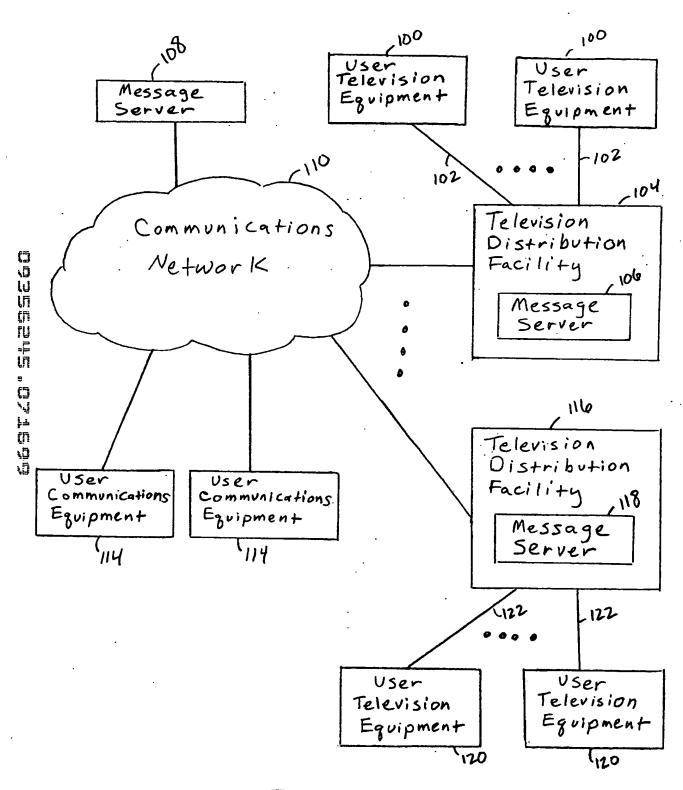
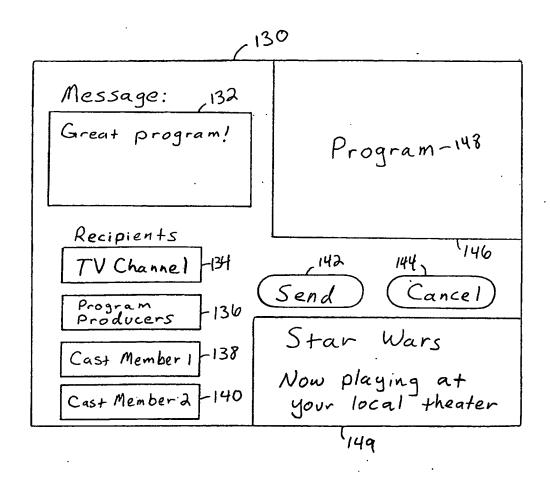


FIG. 3



F1 G: 4

Provide user with an opportunity
to send a message to television
program entity

User enters
message
information

Send the message to the
television program entity

FIG. 5

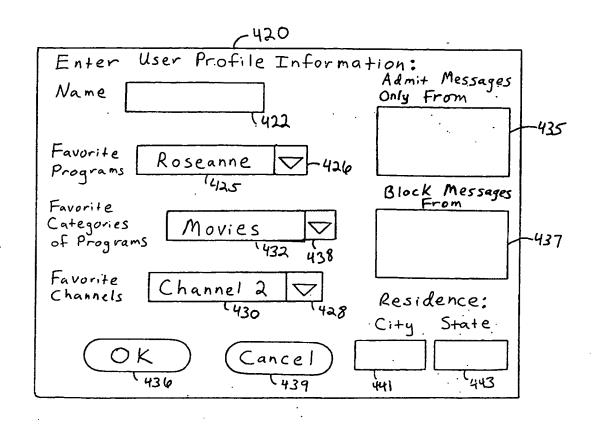


FIG. 6A

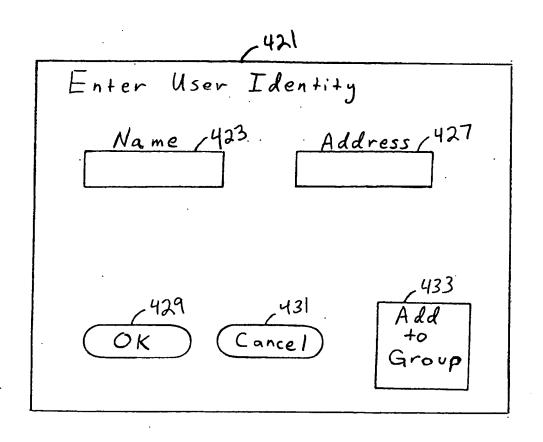


FIG. 6B

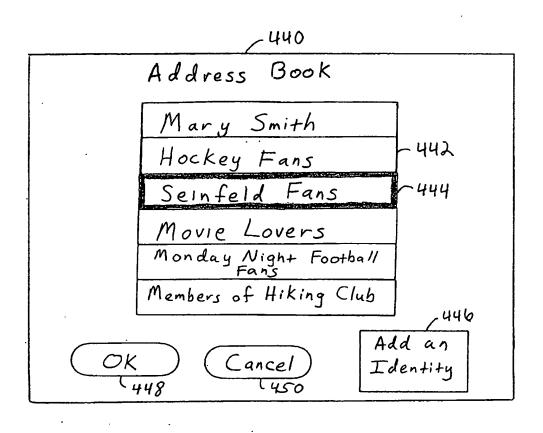


FIG. 6C

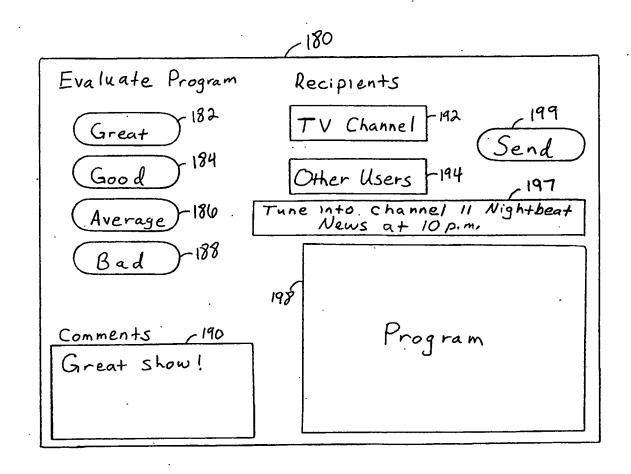


FIG. 7

Provide user with an opportunity to evaluate the television program

User enters

User enters
program evaluation
or recommendation
information

Deliver the evaluation or recommendation to the destination address or return path

1224

FIG. 8

$\sim 2^{30}$
Program Survey: 1. How often do you watch this program?
Everyday Once a week Once a month
2. What categories of TV programs interest you?
Movies Sports Comedy News
Next Set of 236 Send Answers 238 Cancel 240
VISA®: It's Everywhere You Want to Be
235

F1G. 9

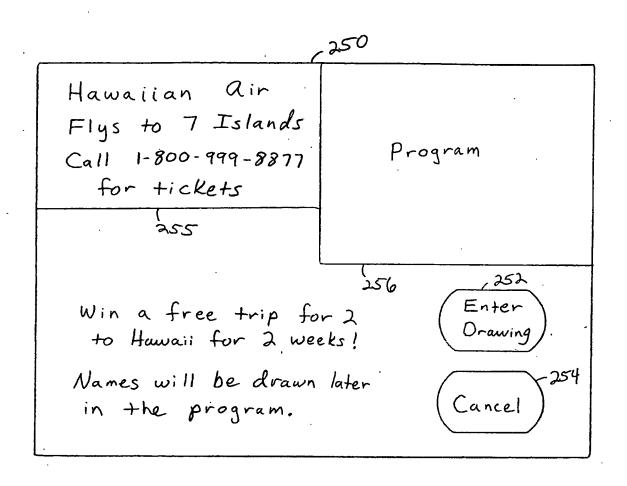


FIG. 10

410	
Jeopardy for Home Viewers	_4II
Question: What is the capital of Peru?  McDonalds  Answer 414	-416
99¢ Lima Send Hamburgers -415	

F19.11

, 40°

Provide the user with an opportunity to enter contest, promotion, or survey information

User enters contest, promotion, or survey information

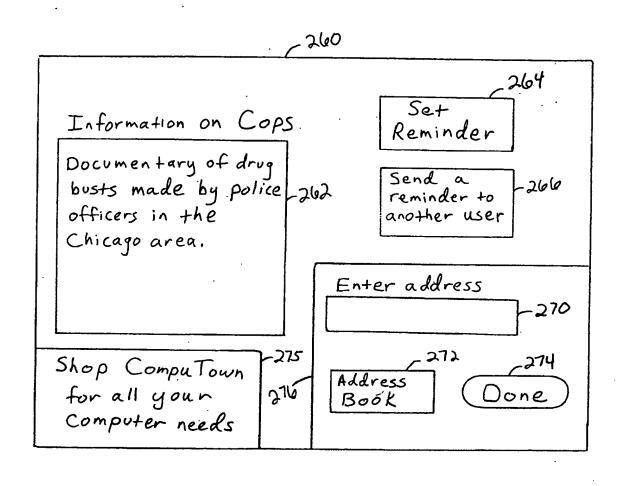
Deliver contest, promotion, or survey information to the return path for processing

1402

F19.12

	(150		
Time Slot 3 p.m 164			
2	160 154	55 156	
NB	c Wheel of Fortun	Contest 158 I 162	
CNI	News Hour	Survey	
ABO	Bay watch	Send message to Cast members	
. 7	160		
Macy	's White Flow	er Sale this Week	
		157	

FIG. 13



F1G.14

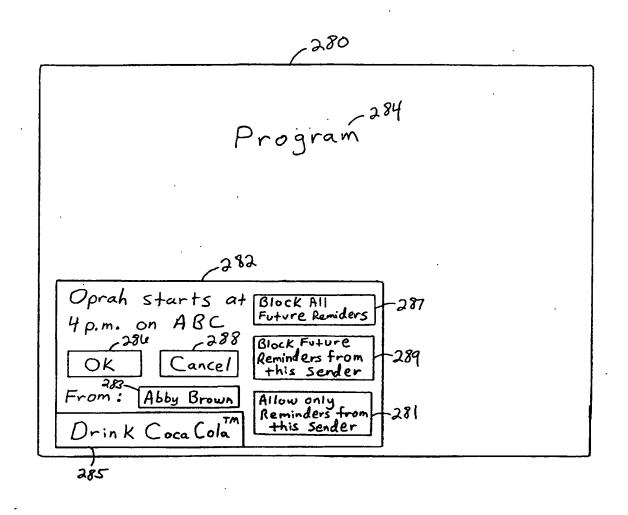


FIG. 15

Provide user with an opportunity to send a reminder for a recipient user

User enters reminder information

Send the reminder to the recipient user

FIG. 16

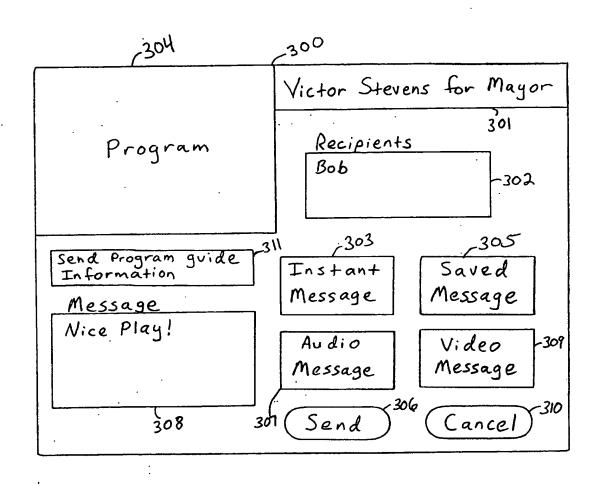


FIG. 17

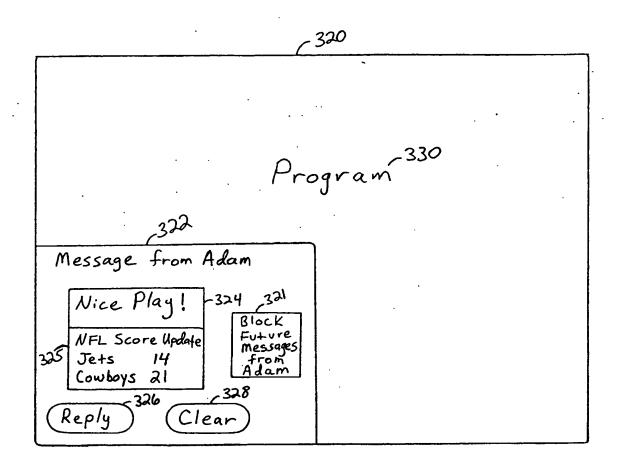


FIG. 18

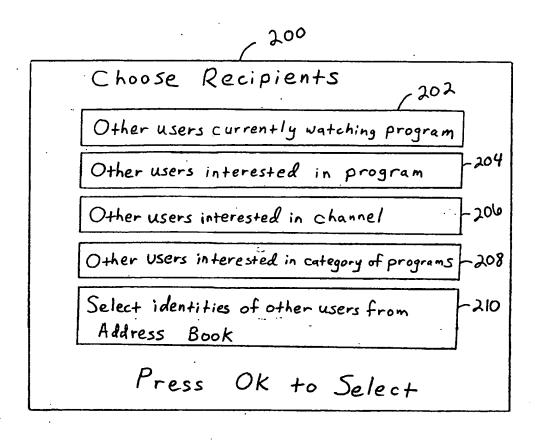


FIG. 19

Provide user with an opportunity
to send a message to other
Users based upon television
program-related criteria

User chooses
recipients of
message

Transmit the message to
the message server

342

F1G. 20

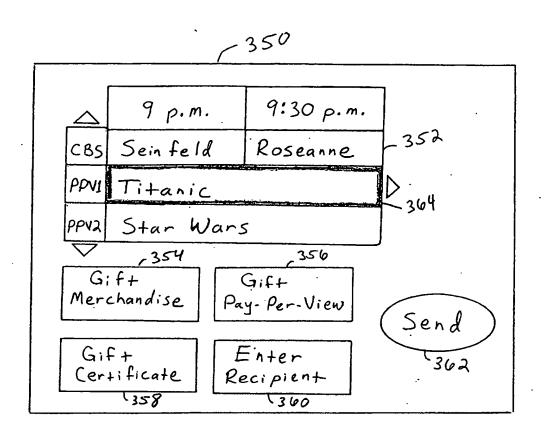


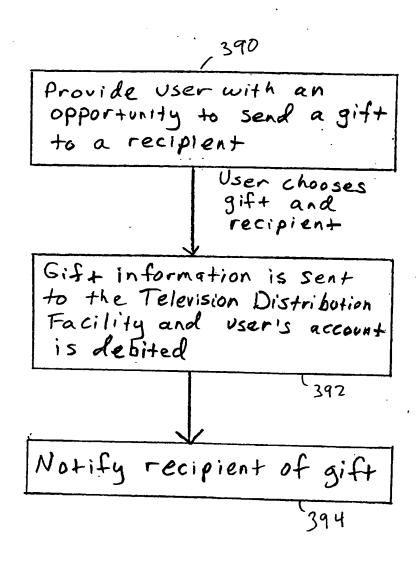
FIG. 21

_ 370	
Ti+anic Merchand	•
Titanic T-Shirt	Leonardo DiCaprio Poster
	7378 Titanic Video Cassette
Payment Method; Credit Card No.	380 382 Ex. Date
Debit Account -384	Ala I in its Class

F1G.22

460
Enter Gift Recipient Information
Name 462 Electronic Address 464
Street Address Television Address
466
Press Enter When Finished

F1G. 23



F1G. 24

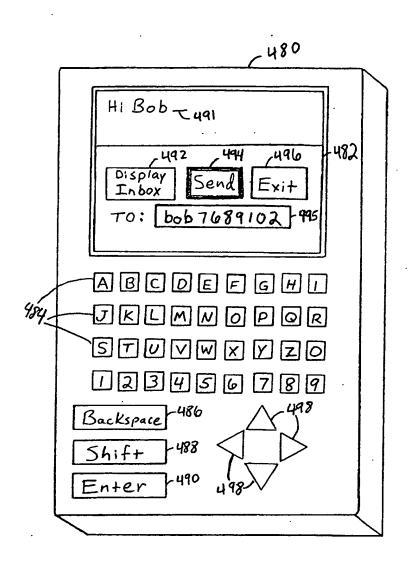


FIG. 25

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